

## INFORMATION DISCLOSURE CITATION

ATTY. DOCKET NO.

604-707



SERIAL NO.

10/763,393

VEECH, Richard L.

(Use several sheets if necessary) FILING DA

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January 26, 2004

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/TPT/	WO 01/82928 A1	11/2001	WO	CLASS	T	YES	
	WO 2007/001883 A2	01/2007	WO WO	<del></del>	ļ		-
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	OTHER DOCU	MENTS (includ	ing Author, Title, Date, Perti	nent pages, e	tc.)		
/TPT/	Accera, Inc. Enters into 2007 Accera, Inc.; Poste		nent Agreement with Nestle Purin 107 (1 pg).	a PetCare Glob	al Resources	, Inc.; Cop	утight
			ciated Memory Impairment; Acce				pgs).
	Accera, Inc. to Present of	t Upcoming Inves	tor Conferences; Accera, Inc.; Po	sted on May 8,	2007 (2 pgs).		
	Accera, Inc. Announces	Results of Phase II	l Study in Alzheimer's Disease Ai	merican Academ	y of Neurolo	gy Meeting	g;
<del>- V -  </del>	Posted on May 4, 2007 (		ybutyrate on cogimpaired adul	lts". DubMad Ab	straat Maur	hiol Anine	a. 200/
/TPT/	Mar.; 25(3):311-4; Acce	ra, Inc., Aurora, C	CO, USA, (2 pgs).	its , ruomeu Ao			ş, 2004 
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EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	CLIBCI ACC	FILING DATE IF APPROPRIATE
/TPT/	4,579,955	04/1986	Lammerant et al	CLASS	SUBCLASS	02/22/83
1 1/	4,771,074	09/1988	Lammerant et al			10/23/88
<del></del>	4,067,999	01/10/78	Glabe et al			05/02/77
	4,351,835	09/1982	Stanko			04/01/81
<del></del>	4,363,815	12/1982	Yu et al	· · · ·	· · · · · · · · · · · · · · · · · · ·	04/30/80
<del></del>	5,348,979	09/1994	Nissen et al			12/23/92
	5,719,119	02/1998	Veech	· · · · · · · · · · · · · · · · · · ·		04/26/93
	5,654,266	08/1997	Chen et al			03/28/94
· 1	5,292,774	03/1994	Hiraide et al		<u> </u>	04/27/93
<u> </u>	4.997.976	03/1991	Brunengraber et al		<del></del>	11/15/88
	5,126,373	01/1992	Brunengraber et al		[ [	12/06/90
	5,116,868	05/1992	Chen et al		·	05/03/89
	4,346,107	08/1982	Cavazza et al	<del></del>	ļ	02/09/80
	4,929,449	05/29/90	Veech			12/17/86
	5,200,200	04/1993	Veech			04/16/90
	5,912,269	01/1999	Tung			04/30/96
	5,100,677	03/1992	Veech			12/17/86
	4,983,766	01/1991	Imwinkelried et al		\	12/23/88
	4,970,143	11/1990	Guidoux et al			08/14/86
	4,701,443	10/1987	Nelson et al			03/22/83
\\	5,693,850	12/1997	Birkhahn et al		· · · · · · ·	06/06/95
$\mathbf{V}$	4,234,599	11/1980	Van Scott et al			04/10/78
/TPT/	4,211,846	07/1980	Lafferty		· · · · · · · · · · · · · · · · · · ·	·

		FOI	REIGN PATENT DOCUMENTS				
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	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	0780123	11/1996	EP		]		
	0362188	03/1992	EP				
	0318357	11/1988	EP				
	WO 98/51812	05/1998	PCT				
	WO 99/34687	01/1990	PCT				
	0108820	11/1982	EP				
	0288908	04/1988	EP		·		
	0466050	07/1991	EP				
	WO 92/09211	11/1991	PCT				
	WO 92/09210	11/1991	PCT				
	WO 98/41201	03/1998	PCT		_		
	0552896	01/1993	EP		Referen		TOL
	2126082	08/1982	GB		provide	ed	
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NFORMATION DISCLOSURE	ATTY, DOCKET NO.	SE	RIAL NO.
CITATION	604-707	U	nassigned
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	VEECH, Richard L.		
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	January 26, 2004	<b>U</b> i	nassigned
OTHER DOCUM	IENTS (including Author, Title	, Date, Pertine	nt pages, etc.)
	ners of (R)-3-Hydroxyalkanoic Aci ng Research Foundation; 1995.	ds – Contribution	s of synthetic Organic Chemists": D
Microbiol 41(Suppl. 1); 19	95; Pages 180-186.		utyrate)": Helmut Brandl et al: Can. J.
ester"; D Seebach et al; C	org. Synth. 71; 1992; Pages 39-47	•	3-hydroxybutanoic acid and its methyl
Helvetica Chimica Aeta	Vol 76; 1993; Pages 2004-2016.	_	relle Aspekte"; von Dietmar et al:
"Poly(hydroxyalkanoates) Angew. Chem.; 1993.	A Fifth Class of Physiologically	Important Organi	c Biopolymers?"; Hans-Martin Muller et al;
"Intractable epilepsy"; Avi	noan Scuper et al; The Lancet, Vo		
1972; Pages 170-183.			ria"; R.L. Veech et al; Academic Press;
"Nontoxic Amyloid β Pept Chemistry; Vol. 272, No. 4	ide <sub>1-42</sub> suppresses Acetylcholine sy 1; January 1937; Pages 2038-2041	nthesis"; Minako	Hoshi et al; The Journal of Biological
"Alternate Fuel Utilization Wilkins, London; Pages 23		al; Cereral Metab	olism and Neural Function; Williams
"Preparation and Structure	of Oligolides from (R)-3-Hydroxy	pentanoic Acid a	nd comparison with the Hydroxybutanoic-
	Change with Large Consequences	"; Dieter Seebach	et al; Helvetica Chimica Acta – Vol. 77;
1994; Pages 2007 – 2033.	droxybutyric acid - Direct Prenara	on from Polyhyd	roxybutyrate and Formation of a Crown
Estercarbonyl Complex wi	th Na Ions"; Dieter Seebach et al;	Angew. Chem. In	t.: 1992: Pages 434-435.
"Ketone bodies as substrate	es"; A.J. Rich; Proceedings of the	Nutrition Society.	Vol. 49: 1990: Pages 361-373.
"The Dimer and Trimer of	3-Hydroxybuty ate Oligomer as a	Precursor of Keto	one Bodies for Nutritional Care"; Osamu
	enteral and Enteral Nutrition, Vol.		
"Effect of 3-hydroxybutyra	ate in obese subjects on very-low-e	nergy diets and d	uring therapeutic starvation"; G.L.S. Pawan
et al; The Lancet; January		Joseph at all Vidas	ey internation, Vol. 34; 1988; Pages 587-
597.	ile allohis of dialysis fluids , R.L.	veech et 11, Klune	sy internation, vol. 34, 1966; rages 367-
1992; Pages 33-40.			t al; Biochimica et Biophysica Aeta 1123;
"Human xenobiotic metros 46, No. 7: 1993; Pages 112		; N.W. McCrack	n et al; Biochemical Pharmacology Vol.
"Detection, synthesis, struc	cture, and function of oligo(3-hydr et al: International Journal of Biol		
"Poly(hydroxyzikanoates):		Important Organic	c Biopolymers?" Hans-Martin Muller et al;
"The toxic impact of paren		of cells: a hypothe	esis for physiological parenteral therapy";
"Association between featu	ares of the insulin resistance syndr	ome and Alzheim	
	el is a pore without protein"; Karer	Hopkin; The Jou	irnal of NIH Research Vo. 9; November
<i>T</i>		·····	References not
1	1	ł	provided \
,	Dat	e Considered	\

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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	January 26, 2004	U	nassigned
Physiological Reviews; Vo	ol. 60, No. 1; January 1980; Pages	143-153.	in Tissues"; Alison M. Robinson et al;
	ous calcium-selective channel in in incommendation in inorganic polyphosphate"; Sudipt		y total synthesiz from (R)-3- Natl. Acad. Sci. USA; Vol. 94; August
"New clues to Archeimer's No. 8; August 1996; Pages	s disease: Unraveling the roles of a s 850-852.	myloid and tau"; I	Bruce A Yankner; Nature Medicine Vol. 2,
al; Nature, Vol. 389; 160	ctober 1997; Pages 689-695.		rity in Alzheimer's disease"; Shi Du Yan et
Wilkins; Chapter 26, Page	s 234-242.		abolism and Neural Function; Williams &
"Blood-Brain Barrier Tran Function; Williams & Wil	sport of Metabolic Substrates"; Wkins; Chapter 15, Pages 127-132.	illiam H. Oldendo	rf; Cerebral Metabolism and Neural
"β-hydroxybutyrate suppre Epilepsia, Vol. 39, Suppl.	esses pentylenetetrazol (PTZ) – in 6; 1998; 2.820; Page 36.	duced solzures in y	young adult rats"; Sarah Lustig et al;
"β-hydroxybutyrate potent	iates gaba <sub>A</sub> -mediated inhibitory pe Epilepsia, Vol. 39, Suppl. 6; 1998		als in immature hippocampal CA1
"The effect of ketone bodi		cetate on acute sei	zure activity in hippocampal CA1
"Biologica-Chemical prep		ids and their use ir	EPC-synthesis"; Dieter Seebach et al:
			inson et al; Stroke, Vol. 23, No. 4; April
"Hypoxia and β-hydroxyb	utyrate acutely reduce glucose ext Pharmacol, Vol 71; 1993; Pages		n in anesthetized dogs"; Albert S. Y.
"γ-Hydroxybutyrate: Cere No. 5; 1980; Pages 1114-1	bral metabolic Vascular, and Prot	ective effects"; Ala	an A. Artru et al; J Neurochem. Vol. 35,
Plenum Publishing Corpor	ration; 1980; Pages 1287-1292.	\	omotor reflexes"; E.A. Bendikov et al;
165; 1996; Pages 18-24.			ase"; S. Hoyer; Acta Neurol Scand, Suppl.
	d-β"; Konrad Beyreuther et al; N		
Sylvain Desrochers et al;	The American Physiological Socie	ty; 1995; Pages 66	
265, No. 33; 25 November	1990; Pages 20321-20344.		; The Journal of Biological Chemistry, Vol.
"Nutritional and metabolic 34, No. 12; November 197		ediol"; Richard B.	Tobin et al; Federation Proceedings Vol.
	diol and Nonspecific Nitrogen in I No. 3489; Pages 1115-1163.	łuman Adults"; Co	onstance Kies et al; Nebraska Agriculture
		ts"; Dennis J. Selk	oe; Science, Vol. 275; 31 January 1997;
		ne Journal of Biolo	ogical Chemistry, Vol. 271, No. 35, 30
"Control of Glucose Utiliz			ashiwaya et al; The Journal of Biological
<u> </u>			References not provided
*Examiner	Da	te Considered	

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(Use several sheets if necessary)	VEECH, Richard L.	GROUP	
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	January 26, 2004	Unassigned	
		by tau protein kinase I/glycogen synthase kinase 3	) in
	; Proc Natl. Acad. Sci. USA, Vol. 9	3; April 1996; Pages 2719-2723. ; 14 March 1997; Pages 1662-7663.	
		thesis"; Minako Hoshi et al. The Journal of Biologi	
	1; 24 January 1997; Pages 2038-204		
	d human disease"; Martin L. Yarmı	sh et al; Nature Biotech ology, Vol. 15; 15 June 19	97;
Pages 525-528.	21		
Biochem. J. Vol. 285; 199	1,3-butanediol in perfused livers fro 2: Pages 647-653	m meal-fed and started rats"; Sylvain Desrochers et	al;
		Rat Liver"; Jane A. Montgomery et al; The Journal	of
Biological Chemistry, Vol.	. 268, No. 27; 1993; Pages 20185-2	0190.	
"Nutritional and metabolic	studies in humans with 1,3-butane	liol"; Richard B. Tobin et al; Federation Proceeding	s Vol.
34, No. 12; November 197		patients: Inhibition of lipolysis and glucose produc	tion but
not leucine oxidation": Mic	chel Beylovet al: Critical Care Med	cine, Vol. 22, No. 7; July 1994; Pages 1091-1098.	non but
"Hyperinsulinaemia and A	Izheimer's Disease"; George Razay	e al; Age and Ageing; 1994; Pages 398-399.	<del></del>
"Peripheral glucose metabo	olism and insulin sensitivity in Alze	eimer's disease"; Kilander et al; Acta Neurol Scand	1993;
Page 294-298.			
Byulleten' Eksperimental'n	youtyrate of the cerebral circulation of Biologic i Meditsing Vol 88. N.	and regional vasomotor reflexes"; Bendikov et al; b. 11; November 1979; Pages 555-557.	
"Tau protein Mutations con	offirmed as neuron killers Gretche	November 1979, Pages 333-337.  November 1979, Pages 333-337.  November 1979, Pages 353-357.	1-1525.
"Diagnosing dementia with	Lewy bodies"; Ian G. McKeith et	al; The Lancet, Vol. 354; 9 October 1999; Pages 122	<u> </u>
1228.			
		lipid emulsions for total parenteral nutrition"; Sylva	in
"Substrate signaling by ins	al Biochemistry Vol. 6; 1995; Page ulin: a ketone podies ratio mimics i	aulin action in heart"; Yoshihiro Kashiwaya et a; T	he
American Journal of Carlic	ology, Vol. 80 (3A); 4 August 1997	Pages 50-64.	
"Insulin, ketone bodies, and	d mitochendrial energy transduction	"; Kiyotaka Sato et al; The FASEB Journal, Vol. 9;	May
1995; Pages 651-658.	al in Dat Brain Surrey 71	54 C124 1 1 2 2	- C
glutamate, calcium, and ke	ei in Kat Brain Synaptosomes: Flux tode bodies": Maria Frecinska et al	es through enzymes of the GABA shunt and effects Journal of Neurochemistry, Vol. 67, No. 6; 1996; F	OI Pages
2325-2334.	/		•
		The Journal of Riological Chemistry, Vol. 259, No.	. 1; 10
January 1984; Pages 251-2	36.		
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